

**IN THE
UNITED STATES
PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Raffaele et al.

CASE: 57524.010009

**INFORMATION DISCLOSURE
STATEMENT**

SERIAL NO.: 09/937740

371(c) Date: 08/22/03

TITLE: INTERNAL COMBUSTION ENGINE

ATTENTION OF: IGOR KERSHTEYN

EXAMINER: ART UNIT 3745

COMMISSIONER OF PATENTS
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 04-1030.

In accordance with 37 C.F.R. §1.56 and §1.98, Applicant respectfully submits herewith an Information Disclosure Statement under 37 C.F.R. §1.97(c) and 1.97(e), and informs the United States Patent and Trademark Office of information which may be material to the examination of the above-identified patent application.

The following U.S. Patents and/or Applications, which comprise in part the aforementioned information, are as follows:

GREENBERG TRAURIG

CHICAGO IP OFFICE
77 WEST WACKER DRIVE
SUITE 2400
CHICAGO, IL 60601
(312) 456-8400

Richard Eugene Dick	27778	Herbert H. Finn	38139
Richard D. Harris	27898	James K. Cleland	44619
Howard E. Silverman	32492	Brad R. Bertoglio	47422
Douglas B. Teaney	33459	Jeffrey P. Dunning	50686

PATENT/PUB NO.	ISSUE/PUB. DATE	INVENTOR
4,683,809	08/04/1987	Taylor
6,029,346	02/29/2000	Chellappa
4,776,310	Oct. 1988	Gray
4,512,291	Apr. 1985	Kirk
5,900,193	May 4, 1999	Rivers et al.
4,909,133	Mar. 20, 1990	Taylor et al.
6,148,785	Nov. 21, 2000	Rivers et al.
6,524,707	Feb. 25, 2003	Rasmussen
5,503,038	04/02/1996	Aquino et al. (this reference was inadvertently identified in a prior ids as 5,503,03Z)

In addition, the following non-US patent documents comprise in part, the aforementioned information, as follows:

Country/Doc Number	Publication Date	Basis for Relevance
EP 0 187 930	07/23/1986	Specification and English translation provided, augmenting prior submitted English Abstract
FR 2438-746	05/09/1980	Reference plus English language Abstract and translation provided
GB 678677	09/03/52	English language document - inadvertently cited in a prior Information Disclosure Statement as "AU 678,677"

WO 97/32647	09/12/97	English language document
JP 03271530	Dec. 1991	Reference plus English abstract provided
TW 251333A	07/11/1994	English abstract only provided
JP 10008975A	01/13/98	English abstract only provided
WO 94/15080	07/07/94	English abstract only provided
WO 01/50037	07/12/2001	English language document
JP 08100621-A	04/16/96	English abstract only provided
RU 2094627-C	10/27/97	English abstract only provided
JP 8014061	01/16/96	Reference plus English abstract provided
JP 1253-335	02/05/85	English abstract only provided

Copies of the foregoing references are attached for consideration by the Examiner.

In addition, the following non-patent information comprises in part the information:

Internet published article: Aerospace & Technology Innovation Vol. 5 No. 4 Jul/Aug 1997 titled "Composite Licensed for Pistons". A copy of this reference is also attached for consideration by the Examiner.


Consideration of the foregoing information, and return of an initialed copy of the form PTO-1449 attached hereto, are respectfully solicited.

Should anything further be required, a telephone call to the undersigned at (312) 456-8400 is respectfully requested.

Respectfully submitted,

GREENBERG TRAURIG, LLP

Dated: July 13, 2005

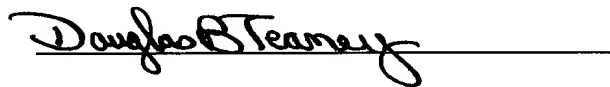

Douglas B. Teaney
One of Attorneys for Applicant

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Date of Deposit – July 13, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR. Section 1.10 on the date indicated above and is addressed to Commissioner for Patents, Post Office Box 1450, Alexandria, VA 22313-1450.



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	09/937,740
Filing Date	August 22, 2003
First Named Inventor	Raffaele et al.
Art Unit	3745
Examiner Name	Igor Kershteyn
Attorney Docket Number	57524.010009

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,683,809	08/04/1987	Taylor	
		US- 6,029,346	02/29/2000	Chellappa	
		US- 4,776,310	10/ /1988	Gray	
		US- 4,512,291	04/ /1985	Kirk	
		US- 5,900,193	05/04/1999	Rivers et al.	
		US- 4,909,133	03/20/1990	Taylor et al.	
		US- 6,148,785	11/21/2000	Rivers et al.	
		US- 6,524,707	02/25/2003	Rasmussen	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 187 930	07/23/1986	→	Engl. translation	
		FR 2438-746	05/09/1980	→	Engl. translation	
		GB 678677	09/03/1952		Engl. doc.	
		WO 97/32647	09/12/1997		Engl. doc.	
		JP 03271530	12/ /1991	→	Engl. abstract	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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First Named Inventor

Raffaele et al.

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Igor Kershteyn

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		WO 94/15080	07/07/1994		+ Eng l. abstract	
		WO 01/50037	07/12/2001		Engl. doc.	
		JP 08100621-A	04/16/1996		+ Engl. abstract	

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Examiner
Signature

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/937,740
				Filing Date	August 22, 2003
				First Named Inventor	Raffaele et al.
				Art Unit	3745
				Examiner Name	Igo Kershteyn
				Attorney Docket Number	57524.010009
Sheet		of			

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Examiner Signature		Date Considered	
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